FORM PTO 1390 (REV 5-93)

US DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE

TRANSMITTAL LETTER TO THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US) CONCERNING A FILING UNDER 35 U.S.C. §371

ATTORNEY DOCKET NUMBER 2005-0316A

U.S. APPLICATION NO. (if known, see 37 CFR 1.5)
10/525,971

International Application No.

PCT/JP03/11122

International Filing Date August 29, 2003 Priority Date Claimed August 30, 2002

Title of Invention

SEPARATOR, REACTOR, AND METHOD FOR PRODUCING AROMATIC CARBOXYLIC ACIDS

Applicant(s) For DO/EO/US Yoshio SEIKI et al.

Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:

- 1. [] This is a FIRST submission of items concerning a filing under 35-U.S.C. §37-1.
- 2. [X] This is a SECOND or SUBSEQUENT submission of items concerning a filing under 35 U.S.C. §371.
- 3. [] This express request to begin national examination procedures (35 U.S.C. §371(f)) at any time rather than delay examination until the expiration of the applicable time limit set in 35 U.S.C. §371(b) and PCT Articles 22 and 39(1).
- 4. [] A proper Demand for International Preliminary Examination was made by the 19th month from the earliest claimed priority date.
- 5. [] A copy of the International Application as filed (35 U.S.C. §371(c)(2))
 - a. [] is transmitted herewith (required only if not transmitted by the International Bureau).
 - b. [] has been transmitted by the International Bureau.
 - c. [] is not required, as the application was filed in the United States Receiving Office (RO/US)
- 6. [] A translation of the International Application into English (35 U.S.C. §371(c)(2)).
- 7. [] Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. §371(c)(3)).
 - a. [] are transmitted herewith (required only if not transmitted by the International Bureau).
 - b. [] have been transmitted by the International Bureau.
 - c. [] have not been made; however, the time limit for making such amendments has NOT expired.
 - d. [] have not been made and will not be made.
- 8. [] A translation of the amendments to the claims under PCT Article 19.
- 9. [X] An (EXECUTED) oath or declaration of the inventor(s) (35 U.S.C. §371(c)(4)). ATTACHMENT G
- 10. [] A translation of the annexes to the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. §371(c)(5)).

Items 11. to 14. below concern other document(s) or information included:

- 11. [] An Information Disclosure Statement under 37 CFR 1.97 and 1.98.
- 12. [X] An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.

ATTACHMENT H

- 13. [] A FIRST preliminary amendment.
 - [] A SECOND or SUBSEQUENT preliminary amendment.
- 14. [X] Other items or information: Notification of Missing Requirements under 35 U.S.C. 371 in the United States

Designated/Elected Office (DO/EO/US) - ATTACHMENT I

THE COMMISSIONER IS AUTHORIZED

TO CHARGE ANY DEFICIENCY IN THE FEES FOR THIS PAPER TO DEPOSIT ACCOUNT NO. 23-0975

	U.S. APPLICATION NO. (ff known. a) 10/525,971	APPLICATION NO. (I Linowin, see 37 CFR 1.5) INTERNATIONAL APPLICATION NO.				ATTORNEY'S DOCKET NO. 2005-0316A			
	15. [X] The following fees are sub	CALCULATIONS	PTO USE ONLY						
	Basic National Stage Fee National Stage Search Fee National Stage Examination Fee Specification/drawings in excess of								
	ENTER APPROP	\$							
	Surcharge of \$130.00 for furnishing priority date (37 CFR 1.492(e)).	urcharge of \$130.00 for furnishing the oath or declaration later than [] 20 [X] 30 months from the earliest claims riority date (37 CFR 1.492(e)).							
	Claims	Number Filed	Number	Extra	Rate				
	Total Claims	-20 =			X \$50.00	\$			
	Independent Claims	- 3 =			X \$200.00	\$			
	Multiple dependent claim(s)_(if ap	Multiple dependent claim(s) (if applicable) + \$360.00							
	TOTAL O	TOTAL OF ABOVE CALCULATIONS =							
	. [] Small Entity Status is hereb	\$							
		SUB		\$130.00					
ļ	Processing fee of \$130.00 for furn claimed priority date (37 CFR 1.4		from the earliest +	\$					
	ŗ	TOTAL NATIO		\$					
	Fee for recording the enclosed ass appropriate cover sheet (37 CFR 3	ignment (37 CFR 1.21(h 3.28, 3.31). \$40 per prop	panied by an	\$40.00					
	T		\$170.00						
0/0	/2005 MKAYPAGH 00000196 1052	Amount to be refunded	s						
1 FC	:1617	130.00 DP				Amount to be charged	s		
	 a. [X] A check in the amount of \$170.00 to cover the above fees is enclosed. A duplicate copy of this form is enclosed. b. [] Please charge my Deposit Account No. 23-0975 in the amount of \$ to cover the above fees. A duplicate copy of this sheet is enclosed. c. [X] The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. 23-0975. 								
	NOTE: Where an appropriate time limit under 37 CFR 1.494 or 1.495 has not been met, a petition to revive (37 CFR 1.137(a) must be filed and granted to restore the application to pending status.								
	19. CORRESPONDENCE ADDRE		Nils E. Pedersen , Registration No. 33,145 WENDEROTH, LIND & PONACK, L.L.P. 2033 "K" Street, N.W., Suite 800 Washington, D.C. 20006-1021 Phone: (203) 731, 8300						
	Phone:(202) 721-8200 Fax:(202) 721-8250								

ICHECK NO. 70368





United States Patent and Trademark Office

UNITED STATES DEPARTMENT OF COMMERCE UNITED STATES DEFARTMENT OF COMM United States Patent and Trademark Office Address COMMISSIONER FOR PATENTS P.O. Box 1450 Alexandria, Viggins 22313-1450 www.uptb.gov

U.S. APPLICATION NUMBER NO.	FIRST NAMED APPLICANT	ATT	Y. DOCKET NO.	
10/525,971	Yoshio Seiki	2005_0316A INTERNATIONAL APPLICATION NO.		
540	_	PCT/JP03/11122		
513 WENDEROTH, LIND & PONACK, L.L.P.		I.A. FILING DATE	PRIORITY DATE	
2033 K STREET N. W.		08/29/2003	08/30/2002	

SUITE 800 **WASHINGTON, DC 20006-1021**

CONFIRMATION NO. 3184 371 FORMALITIES LETTER *OC00000016956925*

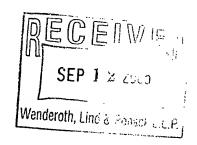
OC000000016956925

Date Mailed: 09/08/2005

NOTIFICATION OF MISSING REQUIREMENTS UNDER 35 U.S.C. 371 IN THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US)

The following items have been submitted by the applicant or the IB to the United States Patent and Trademark Office as a Designated / Elected Office (37 CFR 1.495).

- Copy of the International Application filed on 02/28/2005
- English Translation of the IA filed on 02/28/2005
- Copy of the International Search Report filed on 02/28/2005
- Copy of IPE Report filed on 02/28/2005
- Preliminary Amendments filed on 02/28/2005
- Information Disclosure Statements filed on 02/28/2005
- Oath or Declaration filed on 02/28/2005
- U.S. Basic National Fees filed on 02/28/2005
- Priority Documents filed on 02/28/2005



The applicant needs to satisfy supplemental fees problems indicated below.

The following items MUST be furnished within the period set forth below in order to complete the requirements for acceptance under 35 U.S.C. 371:

- Oath or declaration of the inventors, in compliance with 37 CFR 1.497(a) and (b), identifying the application by the International application number and international filing date. The current oath or declaration does not comply with 37 CFR 1.497(a) and (b) in that it:
 - is not executed in accordance with either 37 CFR 1.66 or 37 CFR 1.68.
- To avoid abandonment, a surcharge (for late submission of filling fee, search fee, examination fee or oath. or declaration) as set forth in 37 CFR 1.492(h) of \$130 for a non-small entity, must be submitted with the missing items identified in this letter.

SUMMARY OF FEES DUE:



Total additional fees required for this application is \$130 for a Large Entity:

• \$130 Surcharge.

ALL OF THE ITEMS SET FORTH ABOVE MUST BE SUBMITTED WITHIN TWO (2) MONTHS FROM THE DATE OF THIS NOTICE OR BY 32 MONTHS FROM THE PRIORITY DATE FOR THE APPLICATION, WHICHEVER IS LATER. FAILURE TO PROPERLY RESPOND WILL RESULT IN ABANDONMENT.

The time period set above may be extended by filing a petition and fee for extension of time under the provisions of 37 CFR 1.136(a).

Applicant is reminded that any communications to the United States Patent and Trademark Office must be mailed to the address given in the heading and include the U.S. application no. shown above (37 CFR 1.5)

A copy of this notice MUST be returned with the response.

SHAKEEL AHMED

Telephone: (703) 308-9140 EXT 208

PART 1 - ATTORNEY/APPLICANT COPY

U.S. APPLICATION NUMBER NO.	INTERNATIONAL APPLICATION NO.	ATTY, DOCKET NO.	
10/525,971	PCT/JP03/11122	2005_0316A	

FORM PCT/DO/EO/905 (371 Formalities Notice)

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of

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Yoshio SEIKI et al.

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Serial No. 10/525,971

Attorney Docket No. 2005-0316A

Filed February 28, 2005

:

SEPARATOR, REACTOR, AND METHOD FOR PRODUCING AROMATIC CARBOXYLIC ACIDS

[Corresponding to PCT/JP03/11122

Filed August 29, 2003]

THE COMMISSIONER IS AUTHORIZED TO CHARGE ANY DEFICIENCY IN THE FEES FOR THIS PAPER TO DEPOSIT ACCOUNT NO. 23-0975

OF ENCLISH/LADANESE

SUBMISSION OF ENGLISH/JAPANESE DECLARATION AND POWER OF ATTORNEY

Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

Sir:

The attached Declaration and Power of Attorney includes both Japanese language text and English language text. The English language text constitutes an accurate translation of the Japanese language text.

Respectfully submitted,

Yoshio SEIKI et al.

Nils E. Pedersen

Registration No. 33,145 Attorney for Applicants

NEP/krg Washington, D.C. 20006-1021 Telephone (202) 721-8200 Facsimile (202) 721-8250 September 27, 2005